

ALLIANT ENERGY CORP  
Form U5S  
April 28, 2005  
Table of Contents

---

**UNITED STATES**  
**SECURITIES AND EXCHANGE COMMISSION**

WASHINGTON, D.C.

**FORM U5S**

**ANNUAL REPORT**

**For the Year Ended December 31, 2004**

**Filed pursuant to the**  
**Public Utility Holding Company Act of 1935 by**

**Alliant Energy Corporation**

**4902 N. Biltmore Lane**

**Madison, Wisconsin 53718-2132**

**(Name and address of each registered holding company in the system)**

---

**Table of Contents**

**CONTENTS**

<b><u>Item</u></b>	<b><u>Page</u></b>
1. <u>System Companies and Investments Therein as of December 31, 2004</u>	3
2. <u>Acquisitions or Sales of Utility Assets</u>	9
3. <u>Issue, Sale, Pledge, Guarantee or Assumption of System Securities</u>	11
4. <u>Acquisition, Redemption or Retirement of System Securities</u>	11
5. <u>Investments in Securities of Nonsystem Companies as of December 31, 2004</u>	12
6. <u>Officers and Directors as of December 31, 2004</u>	14
<u>Part I. Name, Principal Business Address and Positions Held as of December 31, 2004</u>	14
<u>Part II. Financial Connections as of December 31, 2004</u>	27
<u>Part III. Compensation and Other Related Information</u>	28
7. <u>Contributions and Public Relations</u>	29
8. <u>Service, Sales and Construction Contracts</u>	29
<u>Part I. Intercompany Sales and Service</u>	29
<u>Part II. Contracts to Purchase Services or Goods Between any System Company and any Affiliate</u>	30
<u>Part III. Employment of any Person by any System Company for the Performance on a Continuing Basis of Management Services</u>	30
9. <u>Exempt Wholesale Generators and Foreign Utility Companies</u>	30
10. <u>Financial Statements and Exhibits</u>	35
<u>Consolidating Financial Statements and Notes</u>	35
<u>Exhibits</u>	35
<u>Signature</u>	40

**Table of Contents****ITEM 1. SYSTEM COMPANIES AND INVESTMENTS THEREIN AS OF DECEMBER 31, 2004**

<u>Name of Company</u>	<u>Number of Common Shares Owned by Direct Owner</u>	<u>Voting Power/ Ownership (B)</u>	<u>Issuer/Owner Book Value (in thousands)</u>
<b>Alliant Energy Corporation (Alliant Energy)</b>			
<b>Interstate Power and Light Company (IP&amp;L)</b>	13,370,788	100%	\$ 1,142,302
Secured and Unsecured Debt			965,250
EnviroGas LP (A)	(*)	50%	402
IPL SPE LLC	(*)	100%	20
Alliant Energy SPE LLC	(*)	100%	5
<b>Wisconsin Power and Light Company (WP&amp;L)</b>			
<b>Wisconsin Power and Light Company (WP&amp;L)</b>	13,236,601	100%	1,050,866
Secured and Unsecured Debt			492,100
South Beloit Water, Gas & Electric Company (South Beloit)	24,400	100%	39,920
American Transmission Company, LLC (ATC LLC) (Also owned by WPL Transco LLC and ATC Management Inc.)	(*)		536,987
Wisconsin River Power Company	46,800	50%	25,631
Wisconsin Valley Improvement Company (Also owned by WP&L)	21,743	7%	2,258
Wisconsin Valley Improvement Company (Also owned by Wisconsin River Power Company)	19,035	12%	2,258
WPL Transco LLC	(*)	100%	143,996
ATC LLC (Also owned by South Beloit and ATC Management Inc.)	(*)	24%	536,987
ATC Management Inc.	2,749	25%	1,708
ATC LLC (Also owned by South Beloit and WPL Transco LLC)	(*)		536,987
WPL SPE LLC (**)	(*)	100%	
<b>Alliant Energy Corporate Services, Inc. (Corporate Services)</b>			
<b>Alliant Energy Corporate Services, Inc. (Corporate Services)</b>	100	100%	
Secured and Unsecured Debt			75,000
<b>Alliant Energy Nuclear, LLC</b>			
<b>Alliant Energy Nuclear, LLC</b>	(*)	100%	3,303
Nuclear Management Company, LLC	(*)	20%	16,520
<b>Alliant Energy TransCo LLC</b>			
<b>Alliant Energy TransCo LLC</b>	(*)	100%	(1,387)
TRANSLink Development Company LLC	(*)	16%	1,798
<b>Distribution Vision 2010, LLC</b>			
<b>Distribution Vision 2010, LLC</b>	(*)	21%	267
<b>Alliant Energy Resources, Inc. (Resources)</b>			
<b>Alliant Energy Resources, Inc. (Resources)</b>	100	100%	248,321
Secured and Unsecured Debt			1,139,455
Alliant Energy EPC, LLC (***)	(*)	100%	35
AEG Worldwide, Inc.	100	100%	(5,698)
Alliant Energy Generation, Inc.	100	100%	84,488
AEG Operations, LLC (**)	(*)	100%	
Sheboygan Power, LLC (Electric Wholesale Generator (EWG)) (***)	100	100%	84,488
AER Holding Company	100	100%	43,793
Alliant Energy Neenah, LLC (EWG)	1,000	100%	65,402
Secured and Unsecured Debt			49,506
Alliant Energy Holdings do Brasil Ltda. (Holdings Brasil) (Also owned by Alliant Energy International, Inc. (International) and Grandelight Holding Ltd. (Grandelight))	201 Quotas		310,638

Refer to International for additional investments of Holdings Brasil.

**Table of Contents**

<u>Name of Company</u>	<u>Number of Common Shares Owned by Direct Owner</u>	<u>Voting Power/ Ownership (B)</u>	<u>Issuer/Owner Book Value (in thousands)</u>
LNT Communications LLC (LNT)	(*)	100%	79
Escosul Ltda. (Remainder owned by International)	1 Quota		(3)
Alliant Holdco One S/A (Remainder owned by Holdings Brasil) (**)	1		
Alliant Holdco Two S/A (Remainder owned by Holdings Brasil) (**)	1		
Alliant Holdco Three S/A (Remainder owned by Holdings Brasil) (**)	1		
Alliant Energy Integrated Services Company (ISCO)	100	100%	(11,019)
Secured and Unsecured Debt			7
Industrial Energy Applications, Inc. (IEA)	100,000	100%	2,519
BFC Gas Company LLC	(*)	60%	2,374
RMT, Inc. (RMT)	100	100%	75,082
Alliant Energy Synfuel LLC	(*)	100%	45,005
Kaufman & Broad-Nexgen LLC	(*)	24%	21,085
West Virginia Synfuels LP (A)	(*)	24%	21,308
Alpha Synfuel LLC	(*)	24%	21,308
New River Synfuel LLC	(*)	22%	30,069
RMT North Carolina, Inc.	1,000	100%	70
RMT, Inc., Michigan	100	100%	
RMT International, Inc.	1,000	100%	194
Heartland Energy Group, Inc. (HEG)	1,000	100%	3,594
Industrial Energy Applications Delaware, Inc. (IEA Delaware)	1	100%	6,250
Bastian Bay Pipeline, LP (Bastian Bay) (Also owned by Alliant Energy Field Services, LLC (Field Services) (A)	(*)	90%	(164)
Oak Hill Pipeline LP (A)	(*)	99%	12,015
Alliant South Texas Pipeline, LP (South Texas) (Also owned by Field Services (A)	(*)	98%	6,302
Alliant Energy Desdemona, LP (Desdemona) (Also owned by Field Services) (A)	(*)	99%	3,789
NG Energy Trading, LLC	(*)	50%	(166)
Field Services	(*)	100%	(1,148)
Desdemona (Also owned by IEA Delaware) (A)	(*)		3,789
Bastian Bay (Also owned by IEA Delaware) (A)	(*)		(164)
South Texas (Also owned by IEA Delaware) (A)	(*)		6,302
Energy Performance Services, Inc.	10,000,000	100%	(14,248)
Cogenex Corporation (Cogenex)	1,000	100%	(47,273)
APS Cogenex LLC	(*)	50%	3,573
Energy Capital and Services I, LP (A)	(*)	100%	3,830
Energy Capital and Services II, LP (A)	(*)	100%	925
Cogenex West Corporation	10,000	100%	(2,021)
Cogenex Canada Inc. (formerly known as EAU Cogenex-Canada Inc.)	100	100%	14,844
Northeast Energy Management, Inc.	10,000	100%	3,210
Alliant Energy Transportation, Inc. (Transportation)	1,000	100%	39,020
Secured and Unsecured Debt			929
IEI Barge Services, Inc. (Barge)	236	100%	9,583
Transfer Services, Inc. (Transfer)	1,000	100%	503
Williams Bulk Transfer Inc. (Williams)	100	100%	1,894
Cedar Rapids and Iowa City Railway Company (CRANDIC)	1,000	100%	26,672
Alliant Energy Investments, Inc. (Investments)	1,100	100%	316,045
Secured and Unsecured Debt			2,725
Iowa Land and Building Company (Iowa Land)	2,000	100%	10,654
Prairie Ridge Business Park, L.C.	(*)	70%	1,133
Blairs Ferry LP (A)	(*)	81%	398
2001 Development Corporation	425,000	52%	5,365

3001 LLC (\*\*)

(\*)

26%

4

**Table of Contents**

Name of Company	Number of Common Shares Owned by		Voting Power/ Ownership (B)	Issuer/Owner Book Value (in thousands)
	Direct Owner			
OSADA I LP (A)	(*)		34%	2,669
Heartland Energy Services, Inc.	700		100%	11
ReGENco LLC	(*)		30%	2,623
Indiana Housing Equity Fund, LP (A)	(*)		18%	
International Secured and Unsecured Debt	1,000		100%	(59,423)
Sea Lagoons Developments, S. de R.L. de C.V. (Also owned by Alliant Energy de Mexico LLC) (***)	2,999		100%	87,791
Escosul Ltda. (Remainder owned by Resources)	999 Quotas		100%	(3)
Alliant Holdco One S/A (Remainder owned by Holdings Brasil) (**)	1			
Alliant Holdco Two S/A (Remainder owned by Holdings Brasil) (**)	1			
Alliant Holdco Three S/A (Remainder owned by Holdings Brasil) (**)	1			
Interstate Energy Corporation PTE Ltd. (IEC PTE)	25,000		100%	45,750
Jiaxing JIES Power & Heat Co. Ltd. (Foreign Utility Company (FUCO))	Registered Capital		50%	23,972
Tongxiang TIES Heat & Power Co. Ltd. (FUCO)	Registered Capital		30%	21,200
Anhui New Energy Heat & Power Co. Ltd. (Bengbu) (FUCO)	Registered Capital		64%	17,106
Holdings Brasil (Also owned by Resources and Grandelight)	715,029,353 Quotas		80%	310,638
Pbpart - SE 1 S.A. (Pbpart SE 1) (Also owned by Empresa Energetica de Sergipe S.A. (Energipe))	78,556,282		50%	197,484
Pbpart - SE 2 Ltda. (Pbpart SE 2)	265,909,258 Quotas		50%	197,476
Sociedade Anonima de Eletrificacao da Paraiba S.A. (Saelpa) (FUCO)	604,680,774		49%	70,990
Usina Termelétrica de Juiz de Fora S.A. (Usina Termelétrica) (Also owned by Catleo Energia S.A. (Catleo)) (FUCO)	12,749,997		50%	92,845
TermoSergipe S.A. (Also owned by Energisa S.A.)	289,999		29%	376
Companhia Forca e Luz Cataguazes - Leopoldina (Cataguazes) (Also owned by Gipar S.A.) (FUCO)	11,043,105,348		22%	115,840
Cat-Leo Construcoes, Industria e Servicos Energia S.A. (Also owned by Energisa S.A.) (***)	16,887,795		22%	6,382
Telecabo S.A.	89,231		21%	99
Companhia de Eletricidade de Nova Friburgo S.A. (CENF) (FUCO)	57,509,438		15%	13,778
MCL Cabo S.A.	112,708		21%	202
Multipar S.A. Planejamento e Corretagem de Seguros (Reminder owned by Multiagro) (Multipar SA)	3,531,448		22%	416
Multipar Comercio, Participacoes e Servicos Ltda. (Multipar Com) (Remainder owned by Cataguazes)	999,999		22%	454
Multiagro Agropecuaria Com. e Ind. Ltda. (Multiagro) (Also owned by Cataguazes)	1,849,856		7%	207
Teleserv S.A.	37,977		21%	4,021
Multiagro (Also owned by Multipar Com)	3,700,085		14%	207
Multipar Com (Remainder owned by Multipar SA)	1			454
Catleo (FUCO)	172,074,996		22%	46,346
Usina Termelétrica (Also owned by Holdings Brasil) (FUCO)	12,749,997		11%	92,845
Alpart Ltda. (Also owned by Energisa S.A.) (***)	1			
Energisa S.A. (Also owned by Holdings Brasil)	18,990,575		11%	278,762
Cat-Leo Construcoes, Industria e Servicos Energia S.A. (Also owned by Cataguazes) (***)	98			6,382
Celbpar S.A.	99		11%	
Cenfpar S.A.	99		11%	

Saelpapar S.A.

99

11%

5



**Table of Contents**

Name of Company	Number of Common Shares Owned by		Voting Power/ Ownership (B)	Issuer/Owner Book Value (in thousands)
	Direct Owner			
TermoSergipe S.A. (Also owned by Holdings Brasil)	509,997		6%	376
Energipe (FUCO)	42,177		11%	262,376
Pbpart Ltda. (Pbpart)	26,799,999		11%	36,932
Companhia Energetica da Borborema S.A. (CELB) (FUCO)	93,689		11%	10,503
Pbpart SE 1 (Also owned by Holdings Brasil)	78,871,135		5%	197,484
Pbpart SE 2	265,909,258		5%	197,476
Saelpa (FUCO)	604,680,774		5%	70,990
Energisapar S/A	999		11%	
Alpart Ltda. (Also owned by Cataguazes) (***)	999		11%	
Pbpart Gisa 1 Ltda. (***)	997		11%	
Pbpart Gisa 2 Ltda. (***)	997		11%	
Energisa S.A. (Also owned by Cataguazes)	17,301,961		46%	278,762
Cat-Leo Construcoes, Industria e Servicos Energia S.A. (Also owned by Cataguazes) (***)	98			6,382
Celbpar S.A.	99		45%	
Cenfpar S.A.	99		45%	
Saelpapar S.A.	99		45%	
TermoSergipe S.A. (Also owned by Holdings Brasil)	509,997		23%	376
Energipe (FUCO)	42,177		45%	262,376
Pbpart	26,799,999		45%	36,932
CELB (FUCO)	93,689		45%	10,503
Pbpart SE 1 (Also owned by Holdings Brasil)	78,871,135		23%	197,484
Pbpart SE 2	265,909,258		23%	197,476
Saelpa (FUCO)	604,680,774		22%	70,990
Energisapar S/A	999		46%	
Alpart Ltda. (Also owned by Cataguazes) (***)	999		46%	
Pbpart Gisa 1 Ltda. (***)	997		45%	
Pbpart Gisa 2 Ltda. (***)	997		45%	
Gipar S.A.	13,605,055,586		50%	22,295
Cataguazes (Also owned by Holdings Brasil) (FUCO)	26,411,096,972		26%	115,840
Cat-Leo Construcoes, Industria e Servicos Energia S.A. (Also owned by Energisa S.A.) (***)	16,887,795		26%	6,382
Telecabo S.A.	89,231		26%	99
CENF (FUCO)	57,509,438		18%	13,778
MCL Cabo S.A.	112,708		26%	202
Multipar SA (Also owned by Multiagro)	3,531,448		26%	416
Multipar Com (Remainder owned by Cataguazes)	999,999		26%	454
Multiagro (Also owned by Cataguazes)	1,849,856		9%	207
Teleserv S.A.	37,977		25%	4,021
Multiagro (Also owned by Multipar Com)	3,700,085		17%	207
Multipar Com (Remainder owned by Multipar SA)	1			454
Catleo (FUCO)	172,074,996		26%	46,346
Usina Termelétrica (Also owned by Holdings Brasil) (FUCO)	12,749,997		13%	92,845
Alpart Ltda. (Also owned by Energisa S.A.) (***)	1			
Energisa S.A. (Also owned by Holdings Brasil)	18,990,575		13%	278,762
Cat-Leo Construcoes, Industria e Servicos Energia S.A. (Also owned by Cataguazes) (***)	98			6,382
Celbpar S.A.	99		13%	
Cenfpar S.A.	99		13%	
Saelpapar S.A.	99		13%	
TermoSergipe S.A. (Also owned by Holdings Brasil)	509,997		7%	376
Energipe (FUCO)	42,177		13%	262,376

Edgar Filing: ALLIANT ENERGY CORP - Form U5S

Pbpart	26,799,999	13%	36,932
CELB (FUCO)	93,689	13%	10,503

**Table of Contents**

Name of Company	Number of Common Shares		Voting Power/ Ownership (B)	Issuer/Owner Book Value (in thousands)
	Owned by Direct Owner			
Pbpart SE 1 (Also owned by Holdings Brasil)	78,871,135		6%	197,484
Pbpart SE 2	265,909,258		6%	197,476
Saelpa (FUCO)	604,680,774		6%	70,990
Energisapar S/A	999		13%	
Alpart Ltda. (Also owned by Cataguazes) (***)	999		13%	
Pbpart Gisa 1 Ltda. (***)	997		13%	
Pbpart Gisa 2 Ltda. (***)	997		13%	
Alliant Holdco One S/A (Remainder owned by Escosul Ltda.) (**)	999		100%	
Alliant Holdco Two S/A (Remainder owned by Escosul Ltda.) (**)	999		100%	
Alliant Holdco Three S/A (Remainder owned by Escosul Ltda.) (**)	999		100%	
Grandelight Holding Ltd.	100,000		100%	472,134
LNTI Holdings, B.V.	20,000		100%	261,297
Alliant Energy New Zealand Ltd. (New Zealand)	24,858,503		100%	55,067
Te Maunga Power Ltd.	1		50%	
TrustPower Ltd. (FUCO)	74,820,446		24%	625,568
Infratil Ltd. (FUCO)	12,445,803		5%	395,162
TrustPower Ltd. (Also owned by New Zealand) (FUCO)	55,372,471		2%	625,568
Te Maunga Power Ltd. (Also owned by New Zealand)	1		3%	
Peak Pacific Investment Co. Ltd. (PPIC)	121,689,952		91%	182,021
Ocean Peak Pte. Ltd. (**)	2		91%	
Zouping Peak Pte. Ltd.	2		91%	2,055
Zouping Peak CHP Co. Ltd. (FUCO)	Registered Capital		64%	15,687
Luannan Peak Pte. Ltd.	2		91%	31,491
Pan-Western Energy Corporation LLC (Pan-Western)	Registered Capital		90%	(9,314)
Tangshan Peak Heat & Power Co., Ltd. (Tangshan) (FUCO)	Registered Capital		80%	28,653
Peak Xin Wen Pte. Ltd.	2		91%	9,281
Tai An Xin Wen Peak Heat and Power Co., Ltd. (Xin Wen #1) (FUCO)	Registered Capital		73%	16,734
Tai An Hua Feng Peak Heat and Power Co. Ltd. (Xin Wen #2) (FUCO)	Registered Capital		73%	10,704
WuAn Peak Pte. Ltd.	2		91%	(896)
Hebei WuAn Peak Heat and Power Co. Ltd. (FUCO)	Registered Capital		82%	7,525
Peak Pacific (China) Investment Company Ltd.	100		91%	181,774
Shijiazhuang Chengfeng Cogeneration Co. Ltd. (FUCO)	Registered Capital		91%	13,205
Handian Peak Pte. Ltd. (**)	2		91%	
Gongyi Peak Pte. Ltd. (Gongyi)	2		91%	1,033
Henan Anfeng Electric Power Co. Ltd. (FUCO)	Registered Capital		64%	10,464
Henan Yongfeng Electric Power Co. Ltd. (FUCO)	Registered Capital		64%	10,308
Peak Pacific Investment Co. (Labuan) BHD	3		91%	1,102
T2 Education Pte. Ltd.	Registered Capital		91%	(155)
Singapore Peak Pingdingshan Pte. Ltd.	Registered Capital		91%	
	174,000,000		20%	310,638

## Edgar Filing: ALLIANT ENERGY CORP - Form U5S

Holdings Brasil (Also owned by International and Resources) Refer to International for additional investments of Holdings Brasil.

Alliant Energy de Mexico, S. de R.L. de C.V. (Also owned by Alliant Energy de Mexico LLC)	2,999 Participation Units	100%	(203)
---	---------------------------------	------	-------

**Table of Contents**

<u>Name of Company</u>	<u>Number of Common Shares</u>		<u>Issuer/Owner Book Value (in thousands)</u>
	<u>Owned by Direct Owner</u>	<u>Voting Power/Ownership (B)</u>	
Alliant Energy Operaciones de Mexico, S. de R.L. de C.V. (Operaciones) (Also owned by Alliant Energy de Mexico LLC) (FUCO)	2,999 Participation Units	100%	72
Alliant Energy Servicios de Mexico, S. de R.L. de C.V. (Servicios ) (Also owned by Alliant Energy de Mexico LLC) (FUCO)	2,999 Participation Units	100%	2
Alliant Energy de Mexico LLC	(*)	100%	
Alliant Energy de Mexico, S. de R.L. de C.V. (Remainder owned by International)	1 Participation Unit		(203)
Operaciones (Remainder owned by Alliant Energy de Mexico, S. de R.L. de C.V.) (FUCO)	1 Participation Unit		72
Servicios (Remainder owned by Alliant Energy de Mexico, S. de R.L. de C.V.) (FUCO)	1 Participation Unit		2
Sea Lagoons Developments, S. De R.L. de C.V. (Remainder owned by International) (***)	1		

\* Noncorporate subsidiaries (Partnerships, joint ventures, limited partnerships (LP), limited liability companies (LLC), etc.)

\*\* Inactive

\*\*\* Subsidiaries added during the year ended December 31, 2004 (described below):

<u>Name of Company</u>	<u>Jurisdiction</u>	<u>Date of</u>	<u>Date of</u>	<u>Description of Business</u>
		<u>Organization</u>	<u>Acquisition</u>	
Sheboygan Power, LLC	Delaware	1/9/04	7/28/04	EWG
Alliant Energy EPC, LLC	Wisconsin	5/24/04	5/24/04	Rule 58 energy-related company
Alpart Ltda.	Brazil	11/4/98	11/4/98	Intermediary Subsidiary
Pbpart Gisa 1 Ltda.	Brazil	10/26/00	10/26/00	Intermediary Subsidiary
Pbpart Gisa 2 Ltda.	Brazil	10/26/00	10/26/00	Intermediary Subsidiary
Sea Lagoons Developments, S. de R.L. de C.V.	Mexico	7/27/04	7/28/04	Holding company
Cat-Leo Construcoes, Industria e Servicos de Energia S.A.	Brazil	12/12/04	12/12/04	Holding Company

(A) Identification of Partners for Limited Partnerships

<u>Company Name</u>	<u>General Partner</u>	<u>Limited Partner</u>
---------------------	------------------------	------------------------

## Edgar Filing: ALLIANT ENERGY CORP - Form U5S

EnviroGas LP	David S. O'Neill	IP&L
Bastian Bay	Field Services	IEA Delaware; OGS Pipeline, LLC
Oak Hill Pipeline LP	Polo Energy Corporation	IEA Delaware
South Texas	Field Services	IEA Delaware; OGS Pipeline, LLC
Desdemona	Field Services	IEA Delaware; OGS Pipeline, LLC
Energy Capital and Services I, LP	Cogenex	E.I. Fund One, Inc.
Energy Capital and Services II, LP	Cogenex	E.I. Fund One, Inc.
West Virginia Synfuels LP	Charleston Capital Corporation	Kaufman & Broad-Nexgen LLC
Blairs Ferry LP	MidAmerica Housing Partnership	Investments
OSADA I LP	MidAmerica Housing Partnership	Investments
Indiana Housing Equity Fund, LP	IN Equity Fund, Inc.	Banc One CDC; Investments; National City Bank, CDA; NDB Bank; Key Community Development; Federal National Mortgage Association

(B) The voting power/ownership amounts above represent Alliant Energy's direct and indirect ownership in the voting securities of each system company, however this amount may not equal the amount of voting interest in each system company that Alliant Energy controls.

**Table of Contents**

(C) Subsidiaries sold or dissolved during the year ended December 31, 2004 are:

<u>Name of Company</u>	<u>Date of Sale or Dissolution</u>
Energys, Inc.	January 2004
Alliant Energy Tallmadge Power Co., LLC	July 2004
EAU Cogenex-Canada Energy Services, Inc.	July 2004
Heartland Rail Corporation	August 2004
AE Neenah Holdings, LLC	August 2004
Alliant Energy Finance Holdings Pty. Ltd.	October 2004
Alliant Energy Finance (No. 1) Pty. Ltd.	October 2004
Alliant Energy Finance Holdings Partnership	October 2004
Alliant Energy Finance (No. 2) Pty. Ltd.	October 2004
Alliant Energy Finance Partnership	October 2004
SVBK Consulting Group, Inc.	November 2004
Alliant Energy Integrated Services Energy Management LLC	December 2004
Alliant Energy Integrated Services Energy Solutions LLC	December 2004
Village Lakeshares, LP	December 2004
Schedin & Associates, Inc.	December 2004
Energisa Telecom Ltda.	December 2004

**ITEM 2. ACQUISITIONS OR SALES OF UTILITY ASSETS**

Information concerning acquisitions or sales of utility assets by System companies not reported in a certificate filed pursuant to Rule 24 is as follows:

None to report.

**ITEM 3. ISSUE, SALE, PLEDGE, GUARANTEE OR ASSUMPTION OF SYSTEM SECURITIES**

<u>Name of Issuer and Title of Issue</u>	<u>Name of Company Issuing or Selling Securities</u>	<u>Principal Amount or Stated Value Issued and Sold</u>	<u>Date of Transaction</u>	<u>Proceeds Before Issuance Expenses</u>	<u>Commission Authorization</u>
City of Salix, Iowa; Variable/Fixed Rate Demand Pollution Control Refunding Revenue Bonds (Interstate Power Company Project); Series 1999; Due January 1, 2013	IP&L	\$ 7,700,000	1/2/2004	\$ 7,700,000	Rule 52
City of Sherburn, Minnesota; Variable/Fixed Rate Demand Pollution Control Refunding Revenue Bonds (Interstate Power Company Project); Series 1999; Due February 1, 2010	IP&L	\$ 3,250,000	2/2/2004	\$ 3,250,000	Rule 52
IP&L; 6.30% Senior Debentures due 5/1/2034	IP&L	\$ 100,000,000	5/6/2004	\$ 99,654,000	Rule 52
IP&L; 6.30% Senior Debentures due 5/1/2034	IP&L	\$ 25,000,000	8/5/2004	\$ 25,233,000	Rule 52

## Edgar Filing: ALLIANT ENERGY CORP - Form U5S

WP&L; 6.25% Debentures due 7/31/2034	WP&L	\$ 100,000,000	8/2/2004	\$ 99,718,000	Rule 52
Blairs Ferry First Mortgage; due 12/10	Blairs Ferry	\$ 168,000	4/19/2004	\$ 168,000	Rule 52
New Zealand; 6.75% Redeemable Preference Shares; due 10/07	New Zealand	\$ 67,560,000	10/15/2004	\$ 67,560,000	Rule 52
Shijiazhuang Chengfeng Cogeneration Co. Ltd.; Loan Payable to Agricultural Bank of China, 6.44%, due 12/31/07, 12/31/08 and 12/31/09	Shijiazhuang Chengfeng Cogeneration Co. Ltd	\$ 3,623,189	12/31/04	\$ 3,623,189	Rule 52



**Table of Contents****ITEM 3. ISSUE, SALE, PLEDGE, GUARANTEE OR ASSUMPTION OF SYSTEM SECURITIES (Continued)**

The following items are recurring transactions of system companies:

Name of Issuer and Title of Issue	Name of Company Issuing or Selling Securities	Total Balance at Year End	Highest Balance	Date of Highest Balance	Effective Average Interest Rate
IP&L Commercial Paper	IP&L	\$ 36,000,000	\$ 149,000,000	04/08/04	1.283%
WP&L Commercial Paper	WP&L	\$ 47,000,000	\$ 74,500,000	07/16/04	1.356%
Bengbu Credit Facility Borrowings	Bengbu	\$ 4,832,000	\$ 4,832,000	12/23/04	5.31%
Shijiazhuang Chengfeng Cogeneration Co. Ltd. Credit Facility Borrowings	Shijiazhuang Chengfeng Cogeneration Co. Ltd.	\$ 2,415,459	\$ 2,415,459	9/2/04	5.54%
Shijiazhuang Chengfeng Cogeneration Co. Ltd. Credit Facility Borrowings	Shijiazhuang Chengfeng Cogeneration Co. Ltd.	\$ 2,657,005	\$ 2,657,005	12/31/04	6.37%
Henan Anfeng Electric Power Co. Ltd. Credit Facility Borrowings	Henan Anfeng Electric Power Co. Ltd.	\$ 2,377,718	\$ 3,170,289	5/31/04	6.34%
Henan Anfeng Electric Power Co. Ltd. Credit Facility Borrowings	Henan Anfeng Electric Power Co. Ltd.	\$ 1,811,594	\$ 1,811,594	8/19/04	5.31%
Henan Yongfeng Electric Power Co. Ltd. Credit Facility Borrowings	Henan Yongfeng Electric Power Co. Ltd.	\$ 2,377,718	\$ 3,170,289	5/31/04	6.34%
Henan Yongfeng Electric Power Co. Ltd. Credit Facility Borrowings	Henan Yongfeng Electric Power Co. Ltd.	\$ 2,415,459	\$ 2,415,459	8/19/04	5.31%
Shijiazhuang Chengfeng Cogeneration Co. Ltd.; Loan Payable to Agricultural Bank of China	Shijiazhuang Chengfeng Cogeneration Co. Ltd.	\$ 3,623,189	\$ 3,623,189	6/30/04	5.58%
Shijiazhuang Chengfeng Cogeneration Co. Ltd. Credit Facility Borrowings	Shijiazhuang Chengfeng Cogeneration Co. Ltd.	\$ 1,207,729	\$ 1,207,729	2/28/04	6.37%

**Table of Contents****ITEM 4. ACQUISITION, REDEMPTION OR RETIREMENT OF SYSTEM SECURITIES**

<b>Name of Issuer and Title of Issue</b>	<b>Name of Company Redeeming or Retiring Securities</b>	<b>Principal Amount Redeemed or Retired</b>	<b>Consideration</b>	<b>Extinguished (E) or Held for Further Disposition (D)</b>	<b>Commission Authorization or Exemption</b>
City of Salix, Iowa	IP&L	7,700,000	7,700,000	E	Rule 42
Variable/Fixed Rate Demand Pollution Control Refunding Revenue Bonds (Interstate Power Company Project) Series 1999					
Due January 1, 2013					
City of Sherburn, Minnesota	IP&L	3,250,000	3,250,000	E	Rule 42
Variable/Fixed Rate Demand Pollution Control Refunding Revenue Bonds (Interstate Power Company Project) Series 1999					
Due February 1, 2010					
WP&L	WP&L	62,000,000	62,000,000	E	Rule 42
First Mortgage Bonds					
Series X, 7 3/4%, due 6/2004					
Resources	Resources	10,000,000	13,380,400	E	Rule 42
9.75% Senior Notes due 1/2013					
Resources	Resources	9,500,000	11,055,340	E	Rule 42
7% Senior Notes due 12/2011					
Resources	Resources	15,000,000	17,120,250	E	Rule 42
7% Senior Notes due 12/2011					
Resources	Resources	7,000,000	8,158,850	E	Rule 42
7 3/8% Senior Notes due 11/2009					
Alliant Energy Neenah, LLC	Alliant Energy Neenah, LLC	1,381,000	1,381,000	E	Rule 42
Credit Facility Borrowings, 2.6875%, due 3/2004					
Alliant Energy Neenah, LLC	Alliant Energy Neenah, LLC	1,399,000	1,399,000	E	Rule 42
Credit Facility Borrowings,					

Edgar Filing: ALLIANT ENERGY CORP - Form U5S

2.625%, due 6/2004						
Alliant Energy Neenah, LLC	Alliant Energy Neenah, LLC	1,417,000	1,417,000	E	Rule 42	
Credit Facility Borrowings,						
3.125%, due 9/2004						
Alliant Energy Neenah, LLC	Alliant Energy Neenah, LLC	1,436,000	1,436,000	E	Rule 42	
Credit Facility Borrowings,						
3.5%, due 12/2004						
CRANDIC	CRANDIC	111,428	111,428	E	Rule 42	
State of Iowa, 3.0%, due 12/2010						
CRANDIC	CRANDIC	31,127	31,127	E	Rule 42	
State of Iowa, 0.0%, due 12/2010						
Bengbu	Bengbu	1,498,213	1,498,213	E	Rule 42	
China Cinda Assets Management Co., 5.76%, due 12/2007						
BFC Gas Company LLC	BFC Gas Company LLC	7,664	8,331	E	Rule 42	
Skidloader Loan - NHCC, 5.7% - 6.7% variable; due 11/2005						
Blairs Ferry LP	Blairs Ferry LP	167,644	167,644	E	Rule 42	
First Mortgage						

**Table of Contents****ITEM 5. INVESTMENTS IN SECURITIES OF NONSYSTEM COMPANIES AS OF DECEMBER 31, 2004**

1.

Name of Company	Aggregate Amount of		Number of	Description of
	Investments in Persons			
	(Entities)		Persons	Persons (Entities)
	Operating in		(Entities)	
	Retail Service			
	Area of			
	Owner (in			
	thousands)			
Dane County Development Company Inc.	\$ 50		1	Invests in and provides financial assistance to commercially reasonable business ventures in Dane County, and benefits the community by creating new jobs, providing goods or services, undertaking improvements in lower income areas and meeting any other community credit needs.
Iowa Venture Capital Fund Limited Partnership		3	1	Economic development joint venture with interests in one start-up company.
Venture Capital Fund Ltd.		1	1	Partnership organized for the purpose of making capital investments in business enterprises.
Sun Prairie Industrial Development Corporation		1	1	Corporation formed to attract businesses to the Sun Prairie, WI area.

**2. Securities not included in Item 5, No. 1:**

Name of Company	Name of Issuer	Description of Security	Number	% of	Nature of Business	Owner s
			of	Voting		Book Value
			Shares	Power		(in thousands)
Resources, Investments, LNT	McLeodUSA Inc.	\$0.01 Class A Common Stock	3,283,726	1%	Telecommunications company.	2,364
AER Holding Company	Capstone Turbine Corporation	\$0.001 Common Stock	1,464,286	2%	Producer of micro-turbine systems.	2,680
Cataguazes	Cataguazes Servicos Aereos de Prospeccao S/A	\$1.00 Common Stock	8,160	9%	Identification of damages in energy transmission and distribution lines.	77

Edgar Filing: ALLIANT ENERGY CORP - Form U5S

AER Holding Company	Distributed Energy Systems Corp.	\$0.001 Common Stock	1,840	Less than 1%	Develops and manufactures proton exchange membrane electro-chemical products.	5
---------------------	----------------------------------	----------------------	-------	--------------	---	---

**Table of Contents**

<b>Name of Company</b>	<b>Name of Issuer</b>	<b>Description of Security</b>	<b>Number of Shares</b>	<b>% of Voting Power</b>	<b>Nature of Business</b>	<b>Owner s Book Value (in thousands)</b>
Resources	CellTech Power, Inc.	\$0.001 Series A Convertible Preferred Stock	120,000	Less than 1%	Develops fuel cell technologies for the distributed generation marketplace.	126
Resources	ADI Thermal Power Corporation	\$1.00 Common Stock	33,334	4%	Develops dual shell Stirling engine technology for distributed generation.	17
Resources	STM Power, Inc.	\$0.01 Series A Convertible Preferred Stock	6,784	Less than 1%	Develops cogeneration systems utilizing external combustion (Stirling-cycle) engine technology.	12
WP&L	Dais Analytic Corporation	\$0.01 Common Stock	20,833	1%	Develops several patented polymer materials with novel applications in the energy sector.	
Alliant Energy	Madison Gas and Electric Company	\$1.00 Common Stock	225	Less than 1%	Utility business.	5
Resources	Nth Power Technologies Fund II, LP	(*)	(*)	8%	Capital fund specializing in emerging energy-technology companies.	3,422
New Zealand	NGC Holdings Ltd.	\$0.01 Ordinary Shares	1,028	Less than 1%	Distribution of natural gas.	1
New Zealand	Horizon Energy Distribution Ltd.	\$0.01 Ordinary Shares	1,250	Less than 1%	Distribution of electricity.	1
New Zealand	Infratil Ltd.	NZ \$1.00 Ordinary Shares	10,998,853	5%	Holding company.	26,459

(\*) Noncorporate subsidiary (limited partnership)

**Table of Contents****ITEM 6. OFFICERS AND DIRECTORS AS OF DECEMBER 31, 2004****Part I. Name, Principal Business Address and Positions Held as of December 31, 2004**

<u>Name (Address)*</u>	<u>Position Held</u>	<u>Name (Address)*</u>	<u>Position Held</u>
Alliant Energy Corporation			
Erroll B. Davis, Jr. (a)	Officer, Director	Enrique Bacalao (a)	Officer
William D. Harvey (a)	Officer	Robin W. Gates (a)	Officer
Eliot G. Protsch (b)	Officer	Vern A. Gebhart (b)	Officer
Thomas L. Aller (b)	Officer	John O. Larsen (k)	Officer
James E. Hoffman (b)	Officer	Michael L. Bennett (d)	Director
Barbara J. Swan (a)	Officer	Christopher J. Lindell (b)	Officer
Timothy R. Bennington (b)	Officer	Katharine C. Lyall (a)	Director
Dundeana K. Doyle (a)	Officer	Singleton B. McAllister (kk)	Director
Thomas L. Hanson (a)	Officer	Ann K. Newhall (e)	Director
John E. Kratchmer (a)	Officer	David A. Perdue (eee)	Director
Barbara A. Siehr (a)	Officer	Judith D. Pyle (a)	Director
F.J. Buri (a)	Officer	Robert W. Schlutz (fff)	Director
Joan M. Thompson (b)	Officer	Anthony R. Weiler (ggg)	Director
Patricia L. Reininger (a)	Officer	Peggy Howard Moore (a)	Officer
Theresa M. Mulford (b)	Officer	Kim Zuhlke (a)	Officer
Interstate Power and Light Company			
Erroll B. Davis, Jr. (a)	Officer, Director	Daniel L. Siegfried (b)	Officer
Eliot G. Protsch (b)	Officer	Enrique Bacalao (a)	Officer
Timothy R. Bennington (b)	Officer	John O. Larsen (k)	Officer
Peggy Howard Moore (a)	Officer	Theresa M. Mulford (b)	Officer
Barbara J. Swan (a)	Officer	Michael L. Bennett (d)	Director
Vern A. Gebhart (b)	Officer	Katharine C. Lyall (a)	Director
Thomas L. Hanson (a)	Officer	Singleton B. McAllister (kk)	Director
John E. Kratchmer (a)	Officer	Ann K. Newhall (e)	Director
Barbara A. Siehr (a)	Officer	David A. Perdue (eee)	Director
Kim K. Zuhlke (a)	Officer	Judith D. Pyle (a)	Director
F.J. Buri (a)	Officer	Robert W. Schlutz (fff)	Director
Patricia L. Reininger (a)	Officer	Anthony R. Weiler (ggg)	Director
Thomas L. Aller (b)	Officer	William D. Harvey (a)	Officer
Wisconsin Power and Light Company			
Erroll B. Davis, Jr. (a)	Officer, Director	Patricia L. Reininger (a)	Officer
William D. Harvey (a)	Officer	Enrique Bacalao (a)	Officer
Thomas L. Aller (b)	Officer	Michael L. Bennett (d)	Director
Barbara J. Swan (a)	Officer	Katharine C. Lyall (a)	Director
Vern A. Gebhart (b)	Officer	Singleton B. McAllister (kk)	Director
Thomas L. Hanson (a)	Officer	Ann K. Newhall (e)	Director
John E. Kratchmer (a)	Officer	David A. Perdue (eee)	Director
Barbara A. Siehr (a)	Officer	Judith D. Pyle (a)	Director
Kim K. Zuhlke (a)	Officer	Robert W. Schlutz (fff)	Director
Eliot G. Protsch (b)	Officer	Anthony R. Weiler (ggg)	Director
F. J. Buri (a)	Officer	John O. Larsen (k)	Officer
Timothy R. Bennington (b)	Officer	Theresa M. Mulford (b)	Officer
Peggy Howard Moore (a)	Officer		





**Table of Contents**

South Beloit Water, Gas & Electric Company

William D. Harvey (a)	Director	Barbara J. Swan (a)	Officer, Director
Thomas L. Hanson (a)	Officer	John E. Kratchmer (a)	Officer
F.J. Buri (a)	Officer	Kim K. Zuhlke (a)	Director
Patricia L. Reninger (a)	Officer		

ATC LLC

Jose M. Delgado (yy)	Officer, Director	Harry L. Terhune (yy)	Officer
Dale A. Landgren (yy)	Officer	Walter T. Woelfle (yy)	Officer
Mark C. Williamson (yy)	Officer	William D. Harvey (a)	Director
Daniel A. Doyle (a)	Officer	Agustin A. Ramirez (yy)	Director
J. Leroy Thilly (l)	Director	Jeffrey P. West (c)	Director
Gary J. Wolter (a)	Director	Anthony S. Earl (a)	Director
Larry L. Weyers (bb)	Director	William C. Verrette (n)	Director
Stephen J. Yanisch (t)	Director		

Wisconsin River Power Company

Thomas P. Meinz (bb)	Officer, Director	Barth J. Wolf (bb)	Officer, Director
Charles J. Ohl (a)	Officer, Director	Kathy Lipp (a)	Director
Barbara Swan (a)	Director	Charles Schrock (bb)	Officer, Director

Wisconsin Valley Improvement Company

Robert Gall (x)	Officer, Director	David Coon (x)	Officer
Thomas P. Meinz (bb)	Officer, Director	Scott C. Mosher (x)	Director
Sam Morgan (x)	Officer	Thomas G. Scharff (cc)	Director
Donald Bradford (x)	Officer	Bruce Ridley (i)	Director
Robert Birkhauser (x)	Director	Dennis Urbanek Sr. (x)	Director
Neil Krebsbach (a)	Director	Charles Schrock (bb)	Director

ATC Management Inc.

Jose Delgado (yy)	Officer, Director	David Porter (j)	&nb
-------------------	-------------------	------------------	-----